

Instrumented roller bearing

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- US6338576 (B1)
- JP2000297815 (A)
- FR2791103 (A1)
- EP1037051 (B1)

Cited documents:

- US4915512
- US5564839
- EP0665436

Abstract of EP1037051

Instrumented bearing (1) has outer ring (7), inner ring (9), rows of bearing elements (11) placed between two bearing races (8, 10) and rotation detection mechanism (15). This mechanism comprises coder (16) and sensor (17) placed on block attached to outer ring. Bearing has mechanism to immobilize non-rotating section on support, and to allow relative axial displacement of bearing on support.

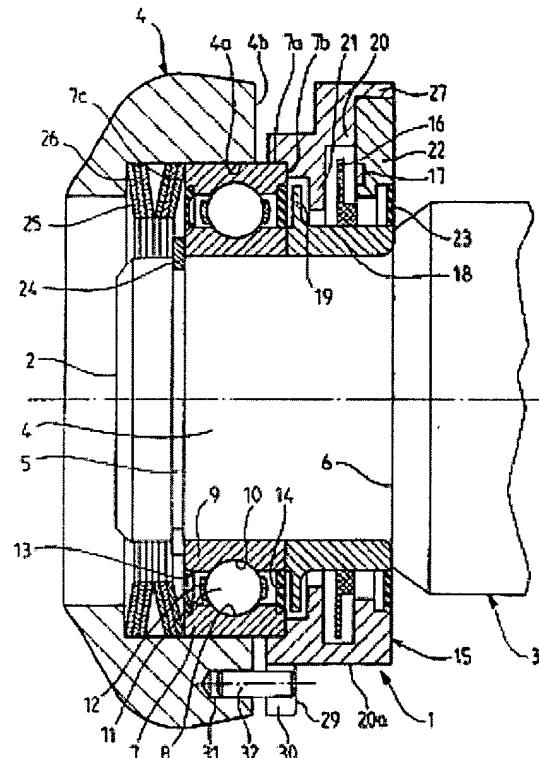


FIG.1